

In the Abstract

Please delete the abstract in its entirety and add the following:

A surgical-medical dressing uses a sandwich of two extracellular matrices grown on a composite composed of gelatin-fibronectin-heparan sulfate. The culture medium used to grow the two cell types (dermal fibroblasts and dermal microvascular endothelial cells forming the second extracellular matrix) is the conditioned medium (CM) obtained from human umbilical endothelial cells used to form the first extracellular matrix. All cells are detached using 5 mM EDTA leaving their secreted acellular matrix behind and intact. This CM also neutralizes the enzyme DISPASE commercially used to detach cultured epithelial sheets ('Cultured epithelial autografts' (CEAs)) from the matrix on which the human epidermal cells, forming the sheets are grown.